

OPTICAL COMPARATOR

PH 380 NEO /450 NEO/PROFILE PROJECTOR

Enhanced Optical Performance

- Vertical Light Path
- All Steel Construction
- Tilting Lamp House
- Color Image
- Three Lens Turret
- Twin Beam Surface Illumination



PH 380 NEO/ 450 NEO/ PROFILE PROJECTOR TECHNICAL SPECIFICATION

| Model | PH 380 | PH 450 |
|---------------------------|---|--|
| Screen | 350 mm diameter | 450 mm diameter |
| Lens Axis | Vertical | |
| Electronic Protractor | Switchable Degree / Decimal, 1 Minute / 0.01 Degree Display Range: +/-360 Degree, Abs/Inc, Zero Setting | |
| Magnification Std. | 10X (3 Station Turret for Safety, Ease of Use) | |
| Optional Magnification | 20x, 50x | |
| On Screen Accuracy | +/- 0.05% On Profile And Surface | |
| Work stage Table Top Area | 400 X 125 mm,Two Dovetail Slots, Quick Release | 400 X 160 mm,Two Dovetail Slots, Quick Release |
| Measuring Range X/Y Axis | 200 X 100 mm | 300 X 150 mm |
| Focusing | 50 mm | 70 mm |
| Dimensions | 1120 X 450 X 1070 mm(LXBXH) | 1130 X 500 X 1200 mm(LXBXH) |
| Resolution | 0.001 mm | |
| Measurement Accuracy | 2+(L/100) Microns | |
| Measuring System | Built In Glass Scales | |
| Advanced Digital Read Out | Zero Setting, inch/mm, abs/inc, X, Y Angles, Lines, Distances, Circles, Skew | |
| Illumination | All Bulbs Independently Fan Cooled. High Intensity twin Beam Direct Surface Illumination with Intensity Controllers For variable Background / Foreground Lighting | |
| Profile Lamp | One 150 W, 24 V | One 250 W, 24 V |
| Profile Lamp | Two 150 W 24 V | Two 250 W 24 V |
| Ambient Conditions | 10 to 40 Degrees Celcius | |
| Power Supply | 100W | 200W |
| Weight | 130 Kg (Approx) | 140 Kg (Approx) |
| Optional Accessories | Pair Of V Blocks With Centres, Vertical Work-Piece Holder, Pedestal Stand, Geometric Data Processor, Fibre Optic Auto Edge Detector, Software Pc Based Measurement System | |

***Specifications are subject to change with changes in design**